

● PRINTER RUSH ●

(PTO ASSISTANCE)

Application: 09 884,555 Examiner: Maung GAU: 2684

From: ewc Location: IDC FMF FDC Date: 11/02/05

Tracking #: epm 09884555 Week Date: 6-20-05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS		<input type="checkbox"/> Foreign Priority
<input checked="" type="checkbox"/> CLM	<u>5-11-05</u>	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

[RUSH] MESSAGE:

Claim 10 (original 25) ends without a period.

Thank you

[XRUSH] RESPONSE:

Period added to last line of claim 25.

INITIALS: DGO

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

25. (previously presented) The method of claim 24, wherein said controller further monitors an aggregate power spectral density (PSD) of signals received from a plurality of said mobile platforms operating within said predetermined coverage region to ensure that said aggregate PSD does not exceed a predetermined maximum value .

26. (cancelled)

27. (previously presented) A method for managing radio frequency (RF) transmissions from an RF system of at least one mobile platform operating within a predetermined coverage region to a space-based transponder orbiting within said coverage region, in a manner to maintain a signal-to-noise ratio (E_b/N_o) of said RF transmissions within a predetermined range, the method comprising:

using a controller to form a first power level control loop for monitoring a power level of said RF transmissions being relayed by said space-based transponder from said mobile platform to said controller;

using said controller to generate first power level commands and transmitting said first power level commands to said space-based transponder for subsequent relay back to said mobile platform for use by said mobile platform in adjusting a power level of said RF signals; and

forming a second power level control loop between said mobile platform and said space-based transponder, independent of said first power level control loop, for enabling said mobile platform to monitor a power level of said RF transmissions transmitted from said mobile platform.